



**General Medicine:
SEPSIS SYNDROME
Medical Protocol**

Patient Care Goals:

1. Promptly identify patients at risk for cardiovascular decompensation from septic (distributive) shock.
2. Heighten hospital awareness of a potential sepsis patient.

Patient Presentation:

Inclusion Criteria

Patients with at least two systemic inflammatory response syndrome exam findings in context of a suspected infection.

Exclusion Criteria

Other

Medications:

Acetaminophen

Adult (≥40 kg): 1 gram PO

Pediatric (<40kg): 10-15 mg/kg

Normal Saline Bolus

30 mL/kg bolus IV/IO

Norepinephrine

Adult (≥40 kg):

8 to 12 mcg/min

Refer to Medication List for infusion rate

Pediatric (<40 kg):

On Line Medical Control required

Refer to Medication List for infusion rate

Quality Improvement:

Key Documentation Elements

1. Response to treatments and decision making for care escalation
2. Time of Sepsis notification

Patient Safety Considerations

Routine use of lights and sirens is not recommended during transport unless severe or refractory to EMS interventions.

MAP displays on ZOLL X-Series monitor. To calculate Mean Arterial Pressure (MAP):

$$MAP = \frac{SBP + 2(DBP)}{3}$$

Assess for 2 or more of the following systemic inflammatory response syndrome (SIRS) criteria:

- ✓ Temp 100.9° F (38.3° C) or higher OR 96.8° F (36° C) or lower
- ✓ Heart rate over 90 (or age appropriate)
- ✓ Respiratory rate over 20 (or age appropriate) or EtCO2 less than 32 mmHg
- ✓ SBP at or below 90 mmHg or other sign of poor perfusion (CRT over 2 seconds, mottled or pale skin, confusion)

